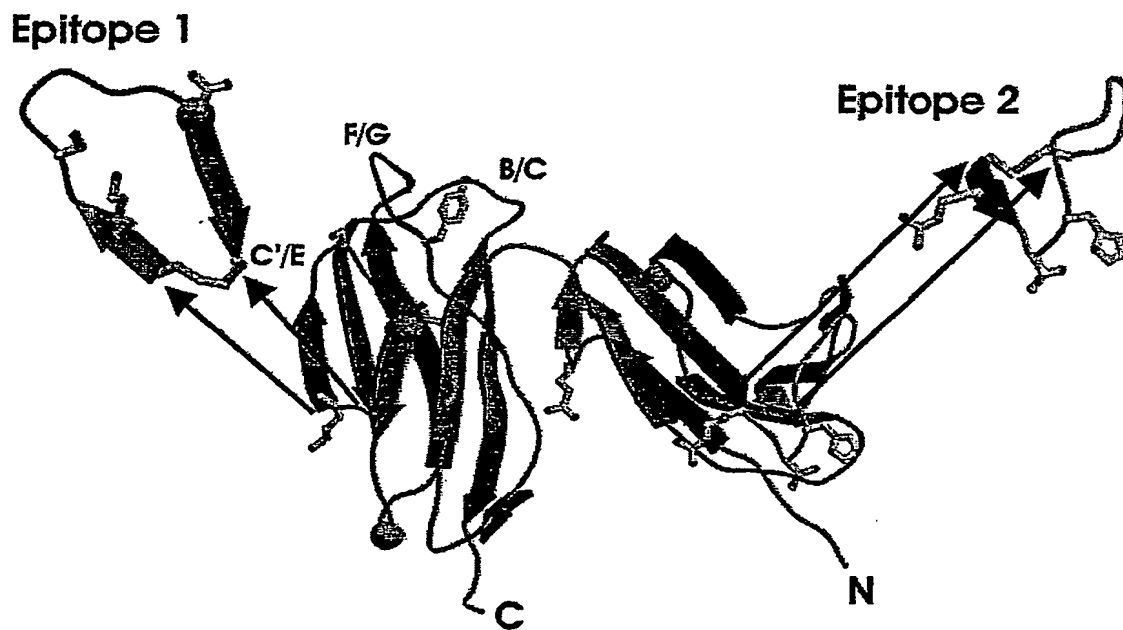


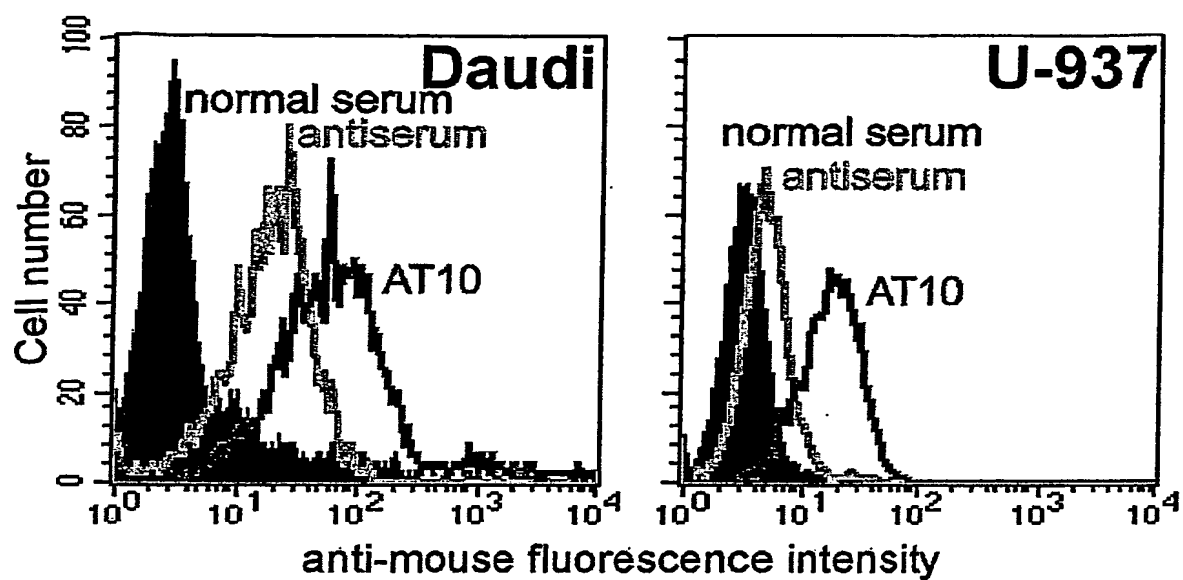
**Figure 1:**

	1	10	20	30	40	50	59																																																					
FcγRIIa	A	A	P	K	A	V	L	K	L	E	P	E	W	I	N	V	L	Q	E	D	S	V	T	L	T	C	Q	G	A	R	S	P	E	S	D	S	I	Q	W	F	H	N	G	N	L	I	P	T	H	T	Q	P	S	Y	R	F	K	A	N	
FcγRIIb	A	A	P	K	A	V	L	K	L	E	P	Q	W	I	N	V	L	Q	E	D	S	V	T	L	T	C	R	G	T	H	S	P	E	S	D	S	I	Q	W	F	H	N	G	N	L	I	P	T	H	T	Q	P	S	Y	R	F	K	A	N	
	*****											*****										*	*****																																					
	60	70	80	90	100	110	119																																																					
FcγRIIa	N	N	D	S	G	E	Y	T	C	Q	T	G	Q	T	S	L	S	D	P	V	H	L	T	V	L	S	E	W	L	V	L	Q	T	P	H	L	E	F	Q	E	G	E	T	I	M	L	R	C	H	S	W	K	D	K	P	L	V	K	V	T
FcγRIIb	N	N	D	S	G	E	Y	T	C	Q	T	G	Q	T	S	L	S	D	P	V	H	L	T	V	L	S	E	W	L	V	L	Q	T	P	H	L	E	F	Q	E	G	E	T	I	V	L	R	C	H	S	W	K	D	K	P	L	V	K	V	T
	*****											*****											*****																																					
	120	130	140	150	160	170																																																						
FcγRIIa	F	F	Q	N	G	K	S	Q	K	F	S	R	L	D	P	T	F	S	I	P	Q	A	N	H	S	H	S	G	D	Y	H	C	T	G	N	I	G	Y	T	L	E	S	S	K	P	V	T	I	T	V	Q	V	P							
FcγRIIb	F	F	Q	N	G	K	S	K	K	F	S	R	S	D	P	N	F	S	I	P	Q	A	N	H	S	H	S	G	D	Y	H	C	T	G	N	I	G	Y	T	L	Y	S	S	K	P	V	T	I	T	V	Q	A	P							
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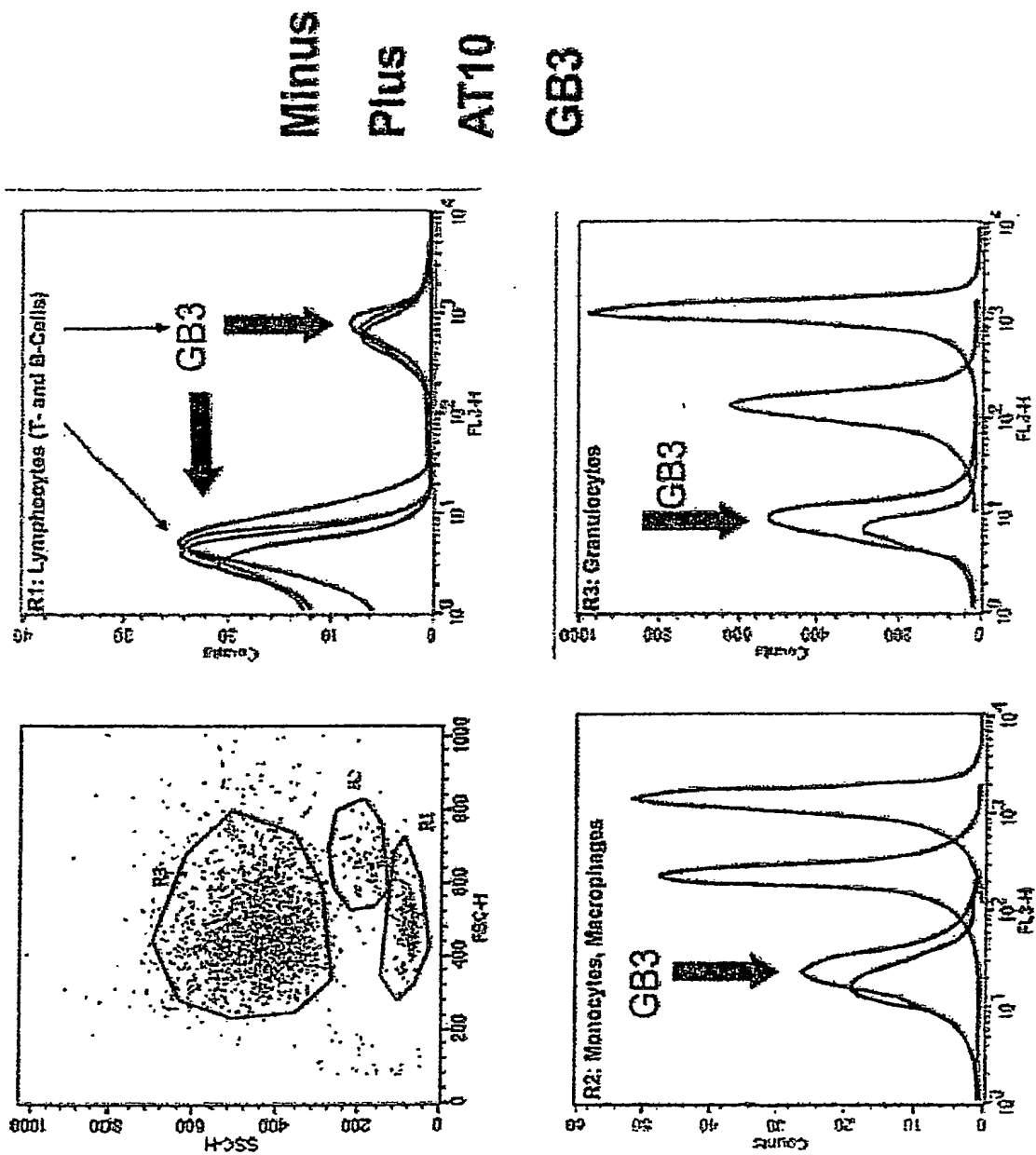
**Figure 2:**

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**Figure 3:**

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Figure 4:



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**Figure 5:****a) Variable light region of mAb GB3**

agaattcagctgacccagtcctccatcctccttatctgcctctctgggagaaagagtcagt  
R I Q L T Q S P S S L S A S L G E R V S

ctcacttgtcgggcaagtcaggaaattagtggttacttaagctggccttcagcagaaacca  
L T C R A S Q E I S G Y L S W L Q Q K P  
CDR1

gatggaactattaaacgcctgatctacgccacatccgcttttagattctgggtgtcccaaaa  
D G T I K R L I Y A T S A L D S G V P K  
CDR2

aggttcagtggtcagtggtgctgggtcaaattattctctcaccatcagcagccttgagtc  
R F S G S G S G S N Y S L T I S S L E S

gaagattttgcagactattactgtctacaatatgctaattatccgtacacgttcggagg  
E D F A D Y Y C L Q Y A N Y P Y T F G G  
CDR3

gggaccaagctg  
G T K L

**b) Variable heavy region of mAb GB3**

gtgcagctgcagcagtcctggacctgagctggtgaagcctggggcttcagtgaaagatttcc  
V Q L Q Q S G P E L V K P G A S V K I S

tgcaaggcttctggctacaccttcactgactactatatatactgggtgaaacagtggcct  
C K A S G Y T F T D Y Y I Y W V K Q W P  
CDR1

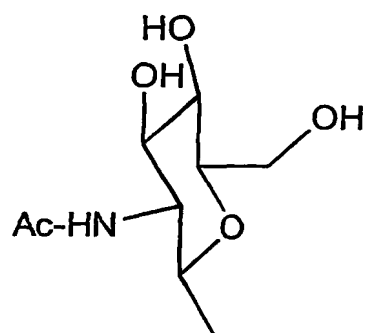
ggacagggacttgagtggattggaaggatttttcctggaactggtaatacttactacaat  
G Q G L E W I G W I F P G T G N T Y Y N  
CDR2

gaaaacttcaaggacaaggccacacttactatagatagatcctccagcacagcctacatg  
E N F K D K A T L T I D R S S S T A Y M  
CDR2 (contd.)

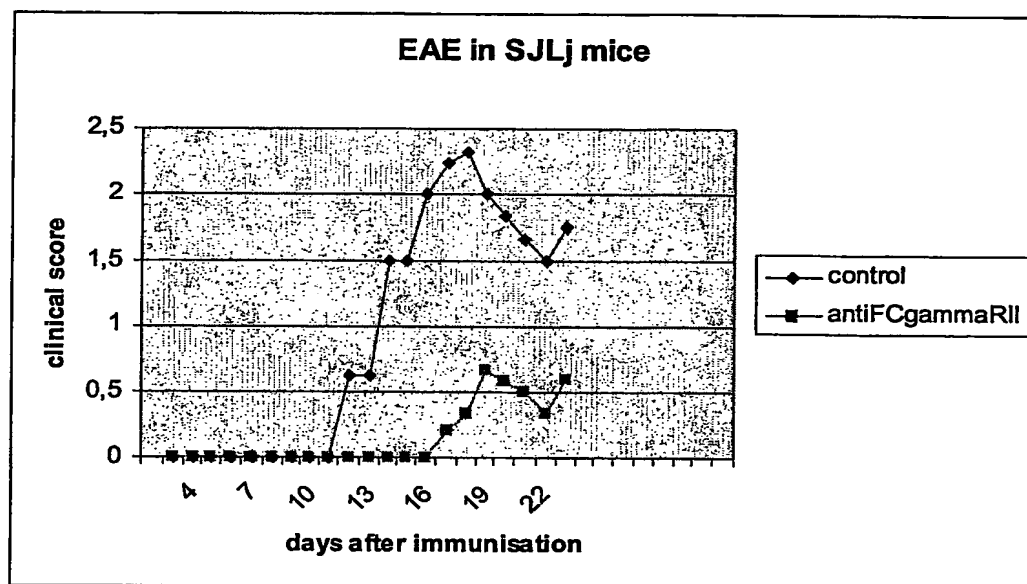
ttgctcggcagcctgacctctgaggactctgcggtctattttctgttatgggtccgtttgct  
L L G S L T S E D S A V Y F C Y G P F A  
CDR3

tactggggccaa  
Y W G Q  
CDR3

gagctcaccagtcctccagcctccctttctgcgtctgtggggagaaactgtcaccatcacatgt  
 E L T Q S P A S L S A S V G E T V T I T C  
  
cgagcaagtgggaatattcacaattatttagcatggtatcagcagaaacagggaaaatctcct  
R A S G N I H N Y L A W Y Q Q K Q G K S P  
**CDR1**  
 cagctcctggtctattatatacaacaaccttagcagatggtgtgccatcaaggttcagtgggcagt  
 Q L L V Y Y T T T L A D G V P S R F S G S  
**CDR2**  
 ggatcaggaacacaatatattctctcaagatcaacagcctgcaacctgaagattttgggagttat  
 G S G T Q Y S L K I N S L Q P E D F G S Y  
  
tactgtcaacatttttgggagtactcctcggacggttcggtggagggaaccaagctcga  
 Y C Q H F W S T P R T F G G G T K L E  
**CDR3**

**Figure 7:**

-Ser-Lys-Lys-Phe-Ser-Arg-Ser-Asp-Pro-Asn-Phe-Ser-Gly-

**Figure 8:****BEST AVAILABLE COPY**